

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants:	Lee and Huynh	Art Unit:	Not Yet Assigned
Parent Serial No.	09/619,061	Examiner:	Not Yet Assigned
Parent Filing Date	July 18, 2000		
Serial No.:	Not Yet Assigned		
Filed:	October 23, 2003		
Title:	GROWTH DIFFERENTIATION FACTOR-6		

**Mail Stop PATENT APPLICATION**

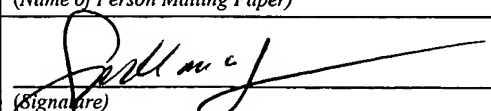
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 § CFR 1.97, Applicants bring to the Examiner's attention the related parent patent application, U.S. Serial No. 09/619,061, filed July 18, 2000, which is relied upon for an earlier filing date under 35 USC § 120. For the convenience of the Examiner, copies of the PTO Forms 892 and 1449 are enclosed.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

<b>CERTIFICATION UNDER 37 CFR §1.10</b> "EXPRESS MAIL" Mailing Label Number: <b>EV 318 740 005 US</b> Date of Deposit: <b>October 23, 2003</b>	
I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
SAUL SOLANO (Name of Person Mailing Paper)	
 (Signature)	<b>October 23, 2003</b> (Date)

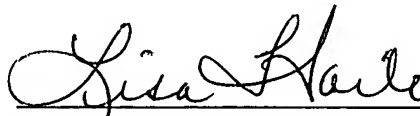
In re Application of:  
Lee and Huynh  
Application No.: Not Yet Assigned  
Filed: October 23, 2003  
Page 2

PATENT  
Attorney Docket No.: JHU1140-4

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement, because it is being filed prior to the receipt of a first office action on the merits of the above-captioned application. However, if any fee is required, authorization is hereby given to charge any fees associated with the filings submitted herewith, or credit any overpayment to Deposit Account No. 50-1355. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Date: October 23, 2003



Lisa A. Haile, J.D., Ph.D.  
Registration No.: 38,347  
Telephone: (858) 677-1456  
Facsimile: (858) 677-1465

**USPTO CUSTOMER NUMBER 28213**  
**GRAY CARY WARE & FREIDENRICH LLP**  
4365 Executive Drive, Suite 1100  
San Diego, CA 92121-2133

Applicant

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No. JHU1140-3	Serial No.: Unassigned 09/16/9, 061
	Applicant(s): Se-Jin Lee et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: Herewith	Group Art Unit: Unassigned 1635

### U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						

### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATIO N (YES/NO)
	AB						

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

Mus	AC	Bowie et al., <i>Science</i> , 247:1306-10
	AD	Rudinger, <i>Peptide Hormones</i> , Parsons ed., University Park Press, Baltimore, pp. 1-7
	AE	Wells, <i>Biochemistry</i> , 29:8509-17
	AF	Ngo et al., "The Protein Folding Problem and Tertiary Structure Prediction," Merz et al., Birkhuaser, Boston, pp. 491-5
	AG	Massague, <i>Cell</i> , 49:437-8
✓	AH	Callard et al., <i>The Cytokine FactsBook</i> , Academic Press, London, pp. 31-2

EXAMINER <i>M Schmidt</i>	DATE CONSIDERED 9/16/01
------------------------------	----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. Department of Commerce Patent and  
Trademark Office

Docket No. (Optional)

JHU1140-3

ORIGINAL

Serial No.:

09/619,061

Applicant(s):

Se-Jin Lee and Thanh Huynh

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

Filing Date:

July 18, 2000

Group Art Unit

1642

RECEIVED

MAR 05 2002

TECH CENTER 1600/2000

## U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
MWS	AA	5,827,733	10/27/1998	Lee and McPherron		

## FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
						Yes

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

MWS	AB	Lee, Se-Jin, "Expression of Growth/Differentiation Factor 1 in the Nervous System: Conservation of a Bicistronic Structure," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 88, May 1991, pgs. 4250-4254.

EXAMINER

M. Schmidt

DATE CONSIDERED

5/5/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**Notice of References Cited**

Application/Control No.

09/619,061

Applicant(s)/Patent Under

Reexamination

LEE ET AL.

Examiner

Mary Schmidt

Art Unit

1635

Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number		Date	Name	Classification	
		Country	Code-Number-Kind Code	MM-YYYY			
	A	US-	-				
	B	US-	-				
	C	US-	-				
	D	US-	-				
	E	US-	-				
	F	US-	-				
	G	US-	-				
	H	US-	-				
	I	US-	-				
	J	US-	-				
	K	US-	-				
	L	US-	-				
	M	US-	-				

**FOREIGN PATENT DOCUMENTS**

*		Document Number		Date	Country	Name	Classification	
		Country	Code-Number-Kind Code	MM-YYYY				
	N	-	-					
	O	-	-					
	P	-	-					
	Q	-	-					
	R	-	-					
	S	-	-					
	T	-	-					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume. Pertinent Pages;
	U	W. Michael Flanagan et al., Cellular penetration and antisense activity by a phenoxazine - substituted heptanucleotide. RESEARCH,
	V	Saghir Akhtar et al., In vivo studies with antisense oligonucleotides, CURRENT TECHNIQUES
	W	W. French Anderson, Human gene therapy, NATURE, Vol. 392, April 30, 1998, pp. 25-30
	X	Andrea D. Branch, A good antisense molecule is hard to find, TIBS 23 - February 1998, pp. 45-50

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<b>Notice of References Cited</b>	Application/Control No. 09/619,061	Applicant(s)/Patent Under Reexamination LEE ET AL.	
	Examiner Mary Schmidt	Art Unit 1635	Page 1 of 2

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Kuang Yu Jen et al., Suppression of Gene Expression by Targeted Disruption of Messenger RNA: Available Options and Current Strategies, STEM CELLS 2000; 18: pp. 307-319
	V	Sudhir Agrawal et al., Antisense therapeutics: is it as simple as complementary base recognition? MOLECULAR MEDICINE TODAY, February 2000, Vol. 6, pp. 72-81
	W	Douglas W. Green et al., Antisense Oligonucleotides: An Evolving Technology for the Modulation of Gene Expression in Human Disease, COLLECTIVE REVIEW, pp. 93-105
	X	C. Frank Bennett et al., Pharmacology of Antisense Therapeutic Agents, pp. 13-46

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<b>Notice of References Cited</b>	Application/Control No. 09/619,061	Applicant(s)/Patent Under Reexamination LEE ET AL.	
	Examiner Mary Schmidt	Art Unit 1635	Page 2 of 2

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	D.D.F. Ma et al., Synthetic oligonucleotides as therapeutics: the coming of age, BIOTECHNOLOGY ANNUAL REVIEW, Vol. 5, pp. 155-196
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.